Distributed by:

JAMECO® ELECTRONICS

www.Jameco.com ✦ 1-800-831-4242

The content and copyrights of the attached material are the property of its owner.

Jameco Part Number 151415

LT1F24-A2-S1 19.8X52.0MM LED BACKLIGHT

Feature

* LOW CURRENT REQUIREMENTS
* HIGH LIGHT OUTPUT
* RELIABLE AND RUGGED
* IC COMPATIBLE

PRELIMINARY

Absolute Maximum Ratings at T_A=25℃

REVERSE VOLTAGE	10.0V
D.C. FORWARD CURRENT	30mA
PULSE CURRENT (1/10 DUTY CYCLE,0.1 ms PULSE WIDTH)	100 mA
OPERATING TEMPERATURE RANGE	-25℃ TO + 85℃
STORAGE TEMPERATURE RANGE	-25℃ TO +100℃
LEAD SOLDERING TEMP. (1.6mm FROM BODY)	260℃ FOR 5 SEC.

Electrical/optical characteristics at T_A=25℃

PART NUMBER	LED CHIP		LEN'S COLOR	PEAK WAVELENGTH @20 mA (nm)	FORWARD VOLTAGE @20mA(V)		LUMINOUS INTENSITY @20mA(mcd)		VIEW ANGLE $2\theta_{1/2}$ (deg)
	MATERIAL	EMITTING COLOR			TYP.	MAX.	MIN.	TYP.	
LT1F24-A2-S1	GaP	GREEN	W.D.	567	4.2	6.0	84	140	52

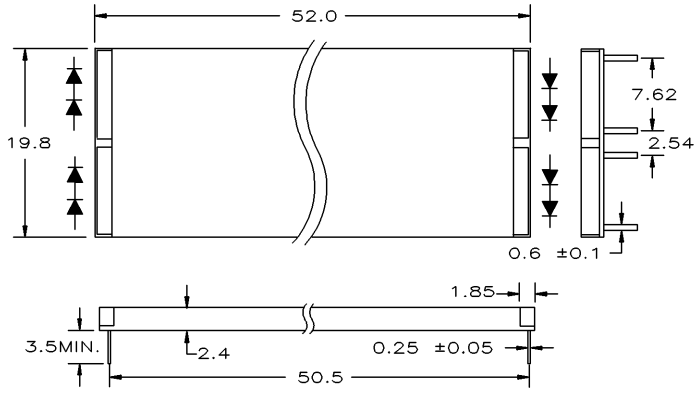
(1) LEN'S COLOR

W.D…WHITE DIFFUSED

(2) SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

(3) ALL ABOVE COMPONENTS ARE CONSIDERED . DEVIATIONS FROM STATED SPECIFICATIONS WILL REQUIRE A NEW PART NUMBER BE ASSIGNED .

Package Dimensions



1. ALL DIMENSIONS ARE IN mm,TOLERANCE IS±0.25mm UNLESS OTHERWISE NOTED.
2. AN EPOXY MENISCUS MAY EXTEND ABOUT 1.0mm DOWN THE LEADS.

Radiation Pattern